

LED PRINT HEADS - LH-5603

Specification(Ta=25c)

Item	Specificatin	Unit
Print Width	325	mm
Number of Dot	7680	dot
Dot density	600	dpi
Dot Pitch	42.3	um
Wavelength of LED	740	nm
LED array Structure	192bit*40	-
Driver Structure	192bit*40	-
Data input	16	-
Number of Strobe	4	-

Maximum Ratings(Ta=25c)

Item	Symbol	Condition	Reference	Unit
Supply Voltage	VDD	Ta=25c	-0.3~6.3	V
Input Voltage	V1	Ta=25c	-0.3~VDD+0.3	V
Operating Temp	Topr.	Temp	5~50	c
Relative Humidity	Hopr.	Humidity	10~90	%RH
Strage Temp	Tstg.	-	-20~70	c
Heat Sink Temp	Th	-	Max.60	c
Number of on Dot at Same Time	-	-	Max.1920	dots

Standard Operating Conditions(Ta=25c)

Item	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	VDD	3.0	5.0	5.25	V
Input Voltage	V1	0	VDD	VDD	V
CLOCK DUTY	Duty	35	50	65	%
Scanning Line Time	SLT	-	352	-	us/Line
Strobe Pulse Width	Ton	-	47	-	us

Optical Characteristics(Ta=25c)

Item	Symbol	Condition	Reference	Unit
Dominant Wavelength		-	740+-10	nm
Average Light Power	Po	VDD=5.0V	0.35	uW/dot.
Range of Max-Min Light Power	Po	-	+3	%



Schareggstrasse 3, CH-5506 Mägenwil
 Tel. +41 62 896 00 48, Fax. +41 62 896 25 80
 info@admatec.ch, www.admatec.ch